

WHAT IS CLAIMED IS:

1 1. An optical disc reproducing apparatus
2 comprising,
3 a reproducing means which reproduces from an
4 optical disc, an audio signal and time information
5 relating to a reproducing time for the audio signal,
6 which are recorded on the optical disc,
7 a beat detecting means which detects from said
8 audio signal reproduced by said reproducing means,
9 beats contained in a musical rhythm represented by
10 said audio signal,
11 a first storing means which stores said audio
12 signal reproduced by said reproducing means,
13 a second storing means which stores the time
14 information reproduced by said reproducing means,
15 with respect to each audio signal respectively
16 corresponding to the beats being continuous, which
17 are detected by said beat detecting means,
18 a first operation means which receives a beat
19 searching operation, and
20 a control means which searches for the time
21 information of said beats being continuous stored
22 in said second storing means, in order of time
23 represented by the time information, or in reverse
24 order thereof, when said first operation means

25 receives said beat searching operation, and reads
26 the audio signal stored in said first storing means
27 based on the time information thus searched.

1 2. The optical disc reproducing apparatus,
2 according to claim 1, further comprising,
3 a second operation means which receives a mode
4 designation for searching a beat by said control
5 means, wherein,
6 said beat detecting means classifies said
7 beats according to a signal level of the audio signal
8 corresponding to each of the beats, and
9 if said second operation means receives a
10 designation of downbeat search mode as said mode
11 designation, upon receipt of said searching
12 operation by said first operation means, said
13 control means searches for the time information, in
14 order of time represented by the time information,
15 or in reverse order thereof, as to the beats having
16 been classified as the downbeat by the beat
17 detecting means, out of the time information stored
18 in second storing means.